

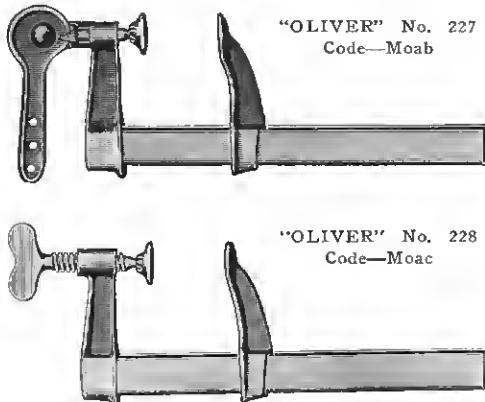
"QUALITY"

"Oliver" Handy Clamp

No. 227 Eccentric Lever or No. 228 Screw Type

U Bar—All Steel

Made of the best open hearth steel plate pressed into U form while cold, which process stiffens the bar. Has a fixed head supporting an eccentric lever, and a movable jaw which has a strong fixed tongue pressing in the bottom of the U bar, making a broad, strong grip.



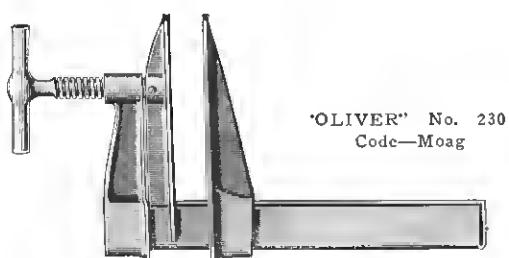
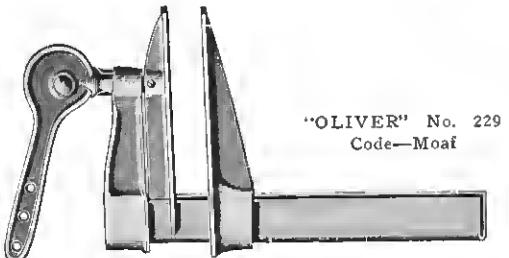
Size Opens	Reach of Jaw	U Bar Size
6"	2 $\frac{1}{8}$ "	1 "
8"	2 $\frac{3}{4}$ "	1 $\frac{1}{8}$ "
10"	2 $\frac{3}{4}$ "	1 $\frac{1}{8}$ "
12"	2 $\frac{3}{4}$ "	1 $\frac{1}{8}$ "

"Oliver" Universal Clamp

No. 229 Eccentric Lever or No. 230 Screw Type

U Bar—All Steel

This clamp has the broad jaw clamping surface of the wood hand screw and all the convenience of handling and quick acting advantages of "Oliver" clamps. The clamping plate attached to the end of the plunger or screw, finds its own bevel and parallel automatically and may be used for a large variety of purposes including all forms of woodworking, pattern making, cement-concrete, block and curb, and foundry core making, as they do not injure molds, veneering and all work requiring a long broad pressure.



NOTE: 18-inch and larger sizes can be furnished with I bar when so requested, same price as U bar which is regular.

Size Opens	Size of Jaw	U Bar Size
4"	3 $\frac{5}{8}$ " x 1 $\frac{3}{8}$ "	1 "
6"	3 $\frac{5}{8}$ " x 1 $\frac{3}{8}$ "	1 "
8"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "
10"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "
12"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "
18"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "
24"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "
30"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "
36"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "
48"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "
60"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "
72"	4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "

Oliver Machinery Co., Grand Rapids, Mich., U.S.A.

BRANCH OFFICES

NEW YORK

ST. LOUIS

LOS ANGELES

BERKELEY

SALT LAKE

SEATTLE

DENVER

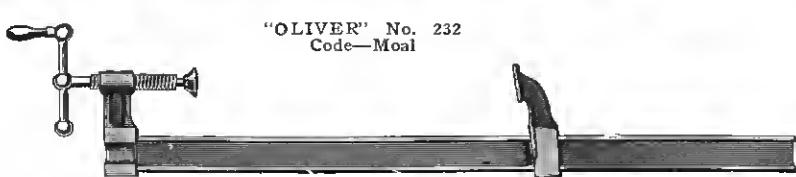
PHOENIX

MANCHESTER, ENG.

"Oliver" Cabinet Clamp

No. 231 Eccentric Lever or No. 232 Screw Type

I Bar—All Steel



This long steel bar is double flanged on each side, making it light and portable and greatly increasing its strength, and the flanges prevent its twisting. It has a fixed head supporting an eccentric lever with improved movable jaw, instant in action, perfect in work. Made with a crank or bar screw when desired.

The I bar is $1\frac{1}{4}'' \times \frac{1}{2}''$; reach from bar to center 2".

Sizes 18", 24", 30", 36", 48", 60", 72", 84", 96".

"Oliver" Long Reach Clamp

No. 237 Eccentric Lever or No. 238 Screw Type

I Bar—All Steel

This clamp has an extra heavy double flanged steel bar $1\frac{1}{8}'' \times \frac{3}{4}''$ known as the I bar supporting an eccentric lever, operating a plunger with self-adjusting button and the improved movable jaw with its double locking device.

Has a 6" reach. It is made strong throughout. Especially adapted to carpentering and building.

Sizes 12", 18", 24", 30", 36", 48", 60", 72", 84", 96".

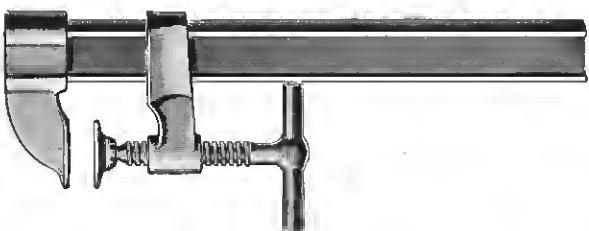


"Oliver" Finishing Clamp

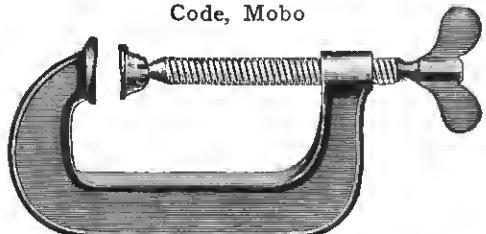
Screw Type Only

No. 217—2 Inch Reach or No. 224—4 Inch Reach

I Bar—All Steel



No. 225 "Oliver" "C" Clamp
Code, Mobo



This malleable iron screw "C" clamp is well proportioned, strong and durable.

Screws furnished with swivel button.

Finished in japan.

Sizes $2\frac{1}{2}''$, 3", 4", 5", 6", 7", 8", 9", 10", 11", 12", 14".

This clamp has a fixed jaw or foot and a movable head which has advantages over a fixed head on some kinds of work. Having a smooth end there is nothing to prevent the use of the auger or brace bit.

This is a heavy strong clamp.

Moba No. 217 Finishing Clamp, $1\frac{1}{4}''$ I Bar, 2" reach.
Sizes 6", 8", 10", 12", 18", 24".

Moba No. 224 Finishing Clamp, $1\frac{1}{8}''$ I Bar, 4" reach.
Sizes 12", 18", 24", 30", 36", 48", 60", 72", 84", 96".

No. 226 "Oliver" Mitre Clamp

Code, Mobi.

One motion of the cam sets the mitre and firmly clamps it in place, the pressure being made direct on the clamp jaw giving it great power. Special attention has been given the design to make it light as well as strong. Positive in action, easy to apply, no springs to get out of order. Made of best refined malleable iron with tempered drill steel spurs.

